

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/051655 A1

- (51) International Patent Classification⁷: **B32B 27/04**, 33/00, B44C 5/04
- (21) International Application Number: PCT/SE2004/001724
- (22) International Filing Date: 24 November 2004 (24.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0303147-3 25 November 2003 (25.11.2003) SE
- (71) Applicant (for all designated States except US): **PERGO (EUROPE) AB** [SE/SE]; Strandridaregatan 8, S-231 25 Trellborg (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SJÖBERG, Åke** [SE/SE]; Kyrkoled 8, S-227 31 Lund (SE).
- (74) Agent: **STENBERG, Yngve**; c/o Perstorp AB, S-284 80 Perstorp (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A PROCESS FOR THE MANUFACTURING OF A DECORATIVE SURFACE ELEMENTS WITH A SURFACE STRUCTURE

(57) Abstract: A process for the manufacturing of a decorative surface element with surface structure, which element comprises a core material, a decorative surface layer and a protective upper wear layer. At least one of said decorative surface layer and said wear layer comprises a thermosetting resin. The process comprises the steps of providing the upper surface of the core material with a surface structure, applying the decorative surface layer on top of the surface structured core, applying the protective wear layer on the decorative surface layer and pressing the core material, decorative layer and wear layer under increased pressure and temperature in a laminate press so that resin cures and the different layers are bonded to one another.



WO 2005/051655 A1